

Form PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 040425-0152		SERIAL NO. Unassigned	
INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				APPLICANT Akiko SHIRAI		GROUP ART UNIT Unassigned	
				FILING DATE 12/18/2001			

1093 U.S. PAT. 10/020415 12/18/01

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
							YES	NO
KS	A1	9-81583	03/1997	Japan				Abst.
KS	A2	6-162104	06/1994	Japan				Abst.
KS	A3	60-160475	08/1985	Japan				Abst.
KS	A4	62-279468	12/1987	Japan				Abst.
KS	A5	2-41566	02/1990	Japan				Abst.

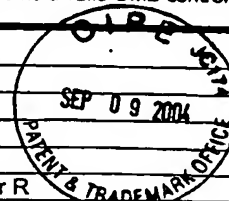
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		

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Substitute for form 1449B/PTO				Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: September 9, 2004 (use as many sheets as necessary)				Application Number	10/020,415
				Filing Date	12/18/2001
				First Named Inventor	Akiko SHIRAI
				Group Art Unit	2179
				Examiner Name	Hemdon, Heather R
				Attorney Docket Number	040425-0152
Sheet	1	of	2		



U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			

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Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁸
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
RS les	A1	JP	6-348758			12/22/1994		ABS
	A2	JP	7-141389			06/02/1995		ABS

NON PATENT LITERATURE DOCUMENTS					
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

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